



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
75 Hawthorne Street
San Francisco, Ca. 94105-3901

AUG 08 1994

Mr. K.O. Mohn, Manager
Chevron Hawaiian Refinery
P.O. Box 29789
Honolulu, Hawaii 96820

Dear Mr. Mohn:

This letter is written in response to your correspondence dated July 25, 1994 in which you requested a 45 day extension to complete exploratory drilling on the southern and western edges of SWMU 18. Additional RFI investigations were required to be completed at this SWMU as outlined in EPA correspondence dated June 16, 1994.

EPA understands the difficulties of establishing ground water monitoring wells should subsurface hydrocarbon be encountered. In order to allow for the contingency that multiple borings will be necessary to establish monitoring wells in this area, EPA hereby approves a 45 day extension to the completion time (originally 90 calendar days) for the required sampling.

Should you have any questions concerning RCRA corrective action at the Chevron Hawaiian Refinery, my staff contacts are Tim Stott (415)744-2026, and Kathy Baylor (415)744-2028.

Sincerely,

Paula Bisson

Paula Bisson, Chief
Arizona, Nevada, Pacific
Islands Section

cc: Steve Chang, Hawaii Department of Health
Stan Sato, Chevron Hawaiian Refinery

cc: Tim



Chevron

July 25, 1994

Ms. Paula Bisson, Chief
Arizona, Nevada, Pacific Islands Section
Environmental Protection Agency, Region IX
75 Hawthorne Street
San Francisco, California 94105-3901

Chevron U. S. A. Products Company
P.O. Box 29789
Honolulu, HI 96820

Karl O. Mohn
Manager, Hawaii Refinery
(808) 682-5711

Chevron Hawaii Refinery
SWMU and Hydrocarbon Plume Investigation

Dear Ms. Bisson:

This letter is in regard to the July 20, 1994, conversation between Stan Sato (Chevron) and Mr. Tim Stott and Ms. Kathy Baylor of your office which addressed several issues pertaining the June 16, 1994, EPA correspondence.

SWMU 18

As noted, in our RFI report submittal letter of November 29, 1994, we provided the EPA with additional data concerning SWMU 18 in September 1993. The data is the result of a 1990 analysis program used to characterize the existing material in SWMU 18 as non-hazardous. We are resubmitting the data for your reference. Also as discussed, we are unable to access SWMU 18 for the collection of additional soil samples due to the Hawaiian Stilt breeding activity taking place in the pond.

We shall begin exploratory drilling operations on the southern and western edges of SWMU 18 in an attempt to establish groundwater monitoring wells. In the event that we cannot locate an area which is absent of subsurface hydrocarbon, we shall report the findings to the EPA and discontinue the effort to establish monitoring wells. If it is determined that monitoring wells can be established, we would like to request a 45 day extension of the 90 calendar day completion date for the required sampling. The establishment of groundwater wells, subsequent sampling, and analysis is contingent upon local drilling equipment availability and mainland laboratory turn around time and will likely require more than 90 days to complete.

SWMU 21 and 22

We plan to conduct further sampling of SWMUs 21 and 22, however as discussed we will collect one equipment rinsate blank for the 10 samples collected (per EPA guidelines). Also, we plan to collect one duplicate sample for each location.

Tim -

45-day extension
seems OK. (SWMU 18)

Bkgnd sample location
seems OK.

H/C plane investigation
looks OK - they seem to
be admitting that 15/33 ^{re} _{complaints}.

Chevron Hawaii Refinery
SWMU and Hydrocarbon Plume Investigation
July 25, 1994
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Background Samples

We believe that our original background sample location in the refinery future tankage area (see attached map) best represents the area that is most likely not impacted by Chevron or other sources of contamination. As you are aware, the Campbell industrial park has several occupants, many of which deal with hazardous materials. There is a Superfund site northeast of the refinery which is a potential source of fugitive dust heavy metal contamination for the property immediately north of the refinery. Previously, there was a gasoline station and an automobile junk yard east of the refinery which may have been sources for lead and hydrocarbon surface contamination. The refinery is bordered by a chemical company on the south.

Because the Campbell area is used for sugar cane production the potential also exists for pesticide contamination. Therefore, with your concurrence we plan to collect the two additional background samples from the future tankage area.

Hydrocarbon Plume

We are in the process of collecting hydrocarbon thickness data and groundwater monitoring samples for analysis as required by the EPA letter of June 16, 1994. As indicated in our letter of March 29, 1994, we have confirmed the presence of a sheen in wells 15 and 33. Therefore, we do not believe that a sample analysis for Skinner list constituents for wells 15 and 33 is necessary. We do however plan to analyze samples from wells 34, 32, 9, 31, R5, R4, R3, and R10.

Should you have any questions or require further information, please contact Stan Sato of our Environmental Staff at (808)682-2205.

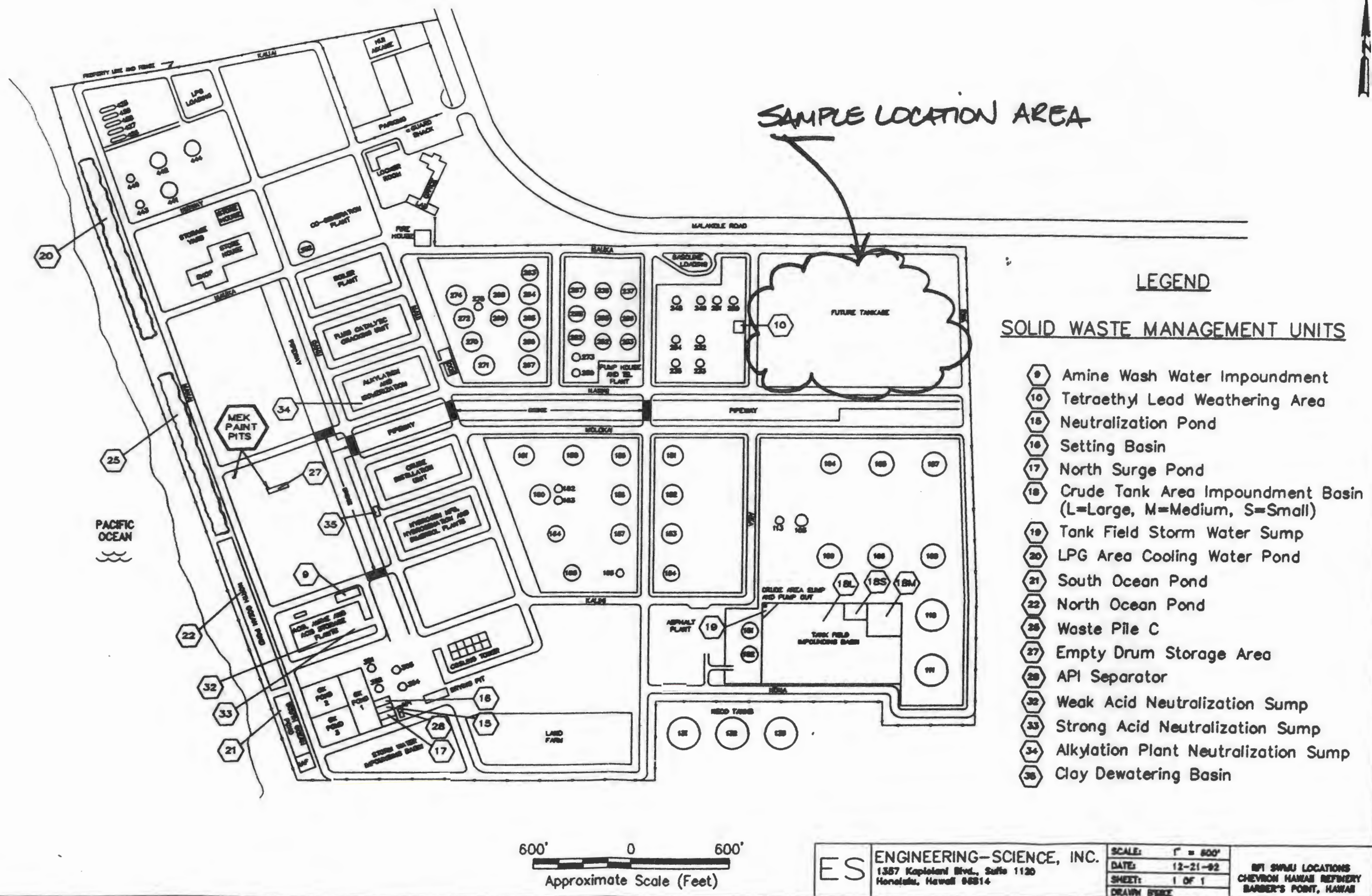
Sincerely,



K. O. Mohn

SJC

cc: Tim Stott, EPA Region IX
Mr. Steven Chang, Hawaii Department of Health





Chevron

July 25, 1994

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Arizona, Nevada, Pacific Islands Section
Environmental Protection Agency, Region IX
75 Hawthorne Street
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